

Title (en)  
INSTALLATION FOR ASSEMBLING TUBE COMPONENTS

Title (de)  
ZUSAMMENSETZUNGSANLAGE VON TUBENKOMPONENTEN

Title (fr)  
INSTALLATION D'ASSEMBLAGE DE COMPOSANTS DE TUBES

Publication  
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Application  
**EP 02776639 A 20021127**

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Abstract (en)  
[origin: WO03045654A1] The invention concerns an installation for assembling tube components, in particular skirts (1) with shoulders, comprising the following elements arranged in succession: a linear skirt conveyor (4), a transfer system (7) designed to switch the direction of the skirts (1) by about 90 DEG, an assembling unit (8) for fixing the shoulders to the skirts (1). The invention is characterized in that the transfer system (7) consists of a skirt gripping device (9) and a device (17) switching the direction of the skirts, the device switching the direction of the skirts comprising a rotary conveyor (17), such as a conveyor belt, which is arranged perpendicular to the direction of the linear conveyor (4), said rotary conveyor (17) including a belt (18, 19) rotating about a direction forming an angle of about 45 DEG relative to the direction of the linear conveyor (4), the belt (18, 19) comprising skirt gripping elements (15) whereof the shape is designed such that the skirts (1) are initially gripped on one of the sides of the rotary conveyor (17) along a direction parallel to the linear conveyor (4) and their orientation is switched by 90 DEG when they are shifted to the other side of the rotary conveyor (17).

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